Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 10 Apr 2023 until 23:59 on Tuesday 11 Apr 2023

Forecast Issued on Monday 10 Apr 2023 at 02:43

Confidence: High confidence for a turn to more unsettled conditions for the upcoming days with rain, showers and strong winds. Medium confidence on cloud details, and arrival times of rain and showers for first couple of days, but lower confidence later in the week.

Headline for Monday 10 Apr 2023: Band of rain and low cloud soon clearing. A showery afternoon following, heavy at times with risk of hail and thunder.

Mountain weather hazards on Monday 10 Apr 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Sunny intervals	Heavy Rain	Heavy Rain	Heavy rain showers	Sleet showers (night)
Precipitation probability					
60%	60%	60%	70%	60%	60%

Forecast for Monday 10 Apr 2023

Weather: A mostly dry start with some bright spells. Becoming more cloudy though, with an increasing risk of blustery showers as the morning goes on. These are likely to be heavy at times with a risk of hail and thunder, and may band together to give some more prolonged spells of rain through the afternoon and evening. Showers may become wintry on the higher slopes during the evening.

Chance of cloud-free hill tops above 600m: 30% at first, quickly improving to 70%. Then becoming 40% for afternoon/evening in frequent showers.

Low Cloud and visibility: Extensive low cloud early on, with bases down to 400-500m. Soon improving, lifting above the tops with some brighter spells forming. However cloud is expected to be variable in frequent showers, falling as low as 500-600m at times with peaks likely to be in and out of cloud throughout the afternoon, especially in the west. Visibility at times will be good, but frequently falling to poor or very poor in showers and low cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 10 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/29 SW	18/25 SW	16/22 SW	20/29 W	21/29 W	20/29 W	24/35 W
300	13/28 SW	12/23 SW	11/19 SW	15/29 W	14/28 W	13/28 W	16/33 W
Valley	11/25 SW	12/23 SW	10/19 SW	14/27 W	12/25 W	11/25 W	12/28 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	6/2	4/-2	3/-3	2/-4	2/-5
300	8/5	9/6	9/6	6/2	5/1	5/0	4/-1
Valley	9/6	10/7	10/8	7/3	7/4	6/3	5/2
Freezing Level*	1300m	1200m	1200m	1000m	1000m	1000m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts may be up to around 40mph on the higher peaks, giving difficult walking conditions, and making it feel cold.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 10 Apr 2023	1.2mm	1.2mm	1.4mm

Forecast for Tuesday 11 Apr 2023

Weather: A dry but chilly start with some clear skies. Showers developing at times, these falling as snow above around 600-700m, mainly across the west of the park. Drier through the middle part of the day with some brighter spells, before cloud increases from the west during the afternoon. A band of rain and strong winds will push through during the evening. Some heavier bursts expected, possibly falling as snow over higher peaks later.

Maximum wind: Southwesterly 20-30mph, with gusts around 40-50mph over the summits early and late.

Chance of cloud-free hill tops above 600m: 70% morning and afternoon, falling to 30% into the evening.

Low Cloud and visibility: Occasional cloud at first, with bases down to 600m in showers. Cloud breaking up through middle part of the day, before extensive cloud moves in during the afternoon, lowering to 400m through the evening. Visiblity often good, but poor or very poor in rain and low cloud, especially during the late afternoon and evening.

Temperature: **Valleys:** Plus 4 Celsius, rising to Plus 9 Celsius.
At 600m: Plus 1 Celsius rising to Plus 5 Celsius, dropping to Plus 1 Celsius later.
Freezing level: Around 700-800m early, rising above the peaks through the day, falling to around 700m again later.

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